convex surface, one of the first and second surfaces of the first lens element being a diffractive surface; and

a second lens element having a planar surface and no diffractive surfaces, the second lens element comprising a material selected from the group consisting of Germanium, Silicon, ZnSe, ZnS, CdTe, KBr, CaF2, BaF2, MgF2, SiO2, and GaAs,

wherein the optical power of the second lens element is less than the optical power of the first lens element, and

wherein the second lens element provides aberration correction.

13. The lens assembly of claim **12**, wherein the second lens element comprises an aspheric surface opposite the planar surface.

14. The lens assembly of claim **12**, wherein the first lens element comprises an aspheric surface.

15. The lens assembly of claim **12**, wherein the first lens element comprises a spherical surface.

16. The optical system of claim **12**, wherein the lens assembly has no other lens elements positioned between the first lens element and the second lens element.

17. An optical system comprising:

a molded lens having an optical power, the molded lens having a first and second surface, one of the first and second surfaces being a concave surface and the other of the first and second surfaces being a convex surface, and one of the first and second surfaces of the first lens element being a diffractive surface, the molded lens comprising chalcogenide glass, and

an aberration correction element having no diffractive surfaces, the aberration correction element comprising a material selected from the group consisting of Germanium, Silicon, ZnSe, ZnS, CdTe, KBr, CaF2, BaF2, MgF2, SiO2, and GaAs,

wherein optical power provided by the aberration correction element is less than the optical power of the molded lens, and

wherein the aberration correction element comprises a planar surface.

18. The optical system of claim **17**, wherein the aberration correction element comprises an aspheric surface opposite the planar surface.

19. The optical system of claim **17**, wherein the molded lens comprises an aspheric surface.

20. The optical system of claim **17**, wherein the molded lens comprises a spherical surface.

21. The optical system of claim **17**, wherein the optical system has no other lens elements positioned between the molded lens and the aberration correction element.

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